

Patent Claims

1. Scraper blade holding device, which comprises a cover plate and a base plate, wherein the cover plate and the base plate are pivotable about an axis relative to one another, characterised in that the axis is formed by a bearing tube (5) which is a component of the base plate (6) and is arranged in an end region of the base plate.
2. Scraper blade holding device according to claim 1, characterised in that the cover plate (2) is connected with a slotted square tube (4) and the bearing tube (5) is positioned within the square tube (4) and rotatable relative thereto.
3. Scraper blade holding device according to claim 2, characterised in that the cover plate (2) together with the square tube (4) fastened thereto is withdrawable from the base plate (6) in axial direction.
4. Scraper blade holding device according to one of the preceding claims, characterised in that the base plate (6) is contacted by a shoe (10) which is provided for reception of the cover plate (2) and within which the cover plate is mounted to be displaceable in axial direction.
5. Scraper blade holding device according to claim 4, characterised in that the shoe (10) together with the cover plate (2) is pivotable relative to the base plate (6), wherein the base plate has a boundary wall (9) within which slots (13) extending in radial direction are provided, rivets (12) connected with a slide surface (11) of the shoe (10) being guided through the slots.
6. Scraper blade holding device according to claim 5, characterised in that the base plate (6) is of U-shaped construction and has two short and one long boundary walls, wherein one short boundary wall (9) has the slots (13) and the other short boundary wall has, in its end region, the bearing tube (5).

7. Scraper blade holding device according to claim 6, characterised in that the long boundary wall is provided at its inner side with a plastics material insert (7).
8. Scraper blade holding device according to one of claims 4 to 7, characterised in that a spring (8) is arranged in the inner region of the base plate (6) between the base plate and the shoe (10).
9. Scraper blade holding device according to one of the preceding claims, characterised in that a part of the cover plate (2), the square tube (4), the base plate (6) and the shoe (10) form a substantially dust-tight unit.
10. Scraper blade holding device according to one of claims 1 to 3, characterised in that it comprises a first spring plate (16), one end region of which is fastened to the base plate (6) and the other end region of which is supported on the cover plate (2).
11. Scraper blade holding device according to claim 10, characterised in that it comprises a second spring plate (18) which bridges over the region between the end of the boundary wall (9) of the base plate (6) and the cover plate (2).
12. Scraper blade holding device according to claim 11, characterised in that one end region of the second spring plate (18) is fixedly connected with the cover plate (2) and the other end region of the second spring plate (18) is supported at the outer side of the boundary wall (9) of the base plate (6).
13. Scraper blade holding device according to one of the preceding claims, characterised in that it comprises an adapter strip (17) which is fixedly connected with the first spring plate (16) and/or the base plate (6) and on which the outer side, which is remote from the cover plate (2), of the first spring plate (16) and/or the base plate (6) is positioned.

14. Scraper blade holding device according to one of the preceding claims, characterised in that a hose (14) is arranged in the inner region of the base plate (6) between the base plate and the cover plate (2).

15. Scraper blade holding device according to one of the preceding claims, characterised in that a finger device (3) is fastened to the cover plate (2) and an end region of the scraper blade (1) is insertable between the cover plate (2) and the finger device (3) in axial direction.

16. Scraper blade holding device according to one of the preceding claims, characterised in that the bearing tube (5) is arranged in the end region of the base plate (6) facing the finger device (3).